

QUICKSPECS

Compaq Armada M700

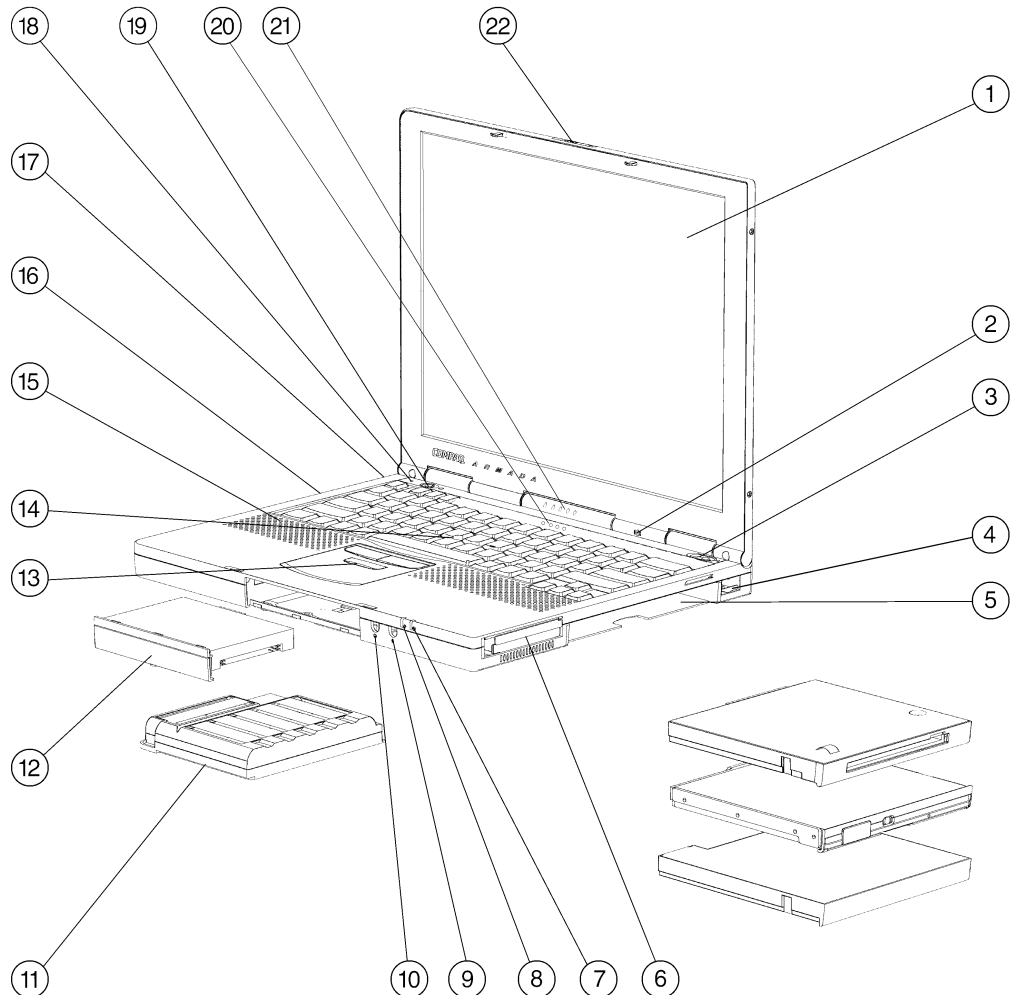
Overview

WHAT'S NEW

- Intel Pentium® III processor 750 MHz with SpeedStep™ technology
- Windows 2000/Windows NT 4.0 Dual Install
- Four Easy Access Internet Buttons

AT A GLANCE

- Configurations as light as 5.1 lbs. (2.3 kg) weight
- Up to 14.1 TFT XGA (1024 x 768) display
- 1.1 in. (2.8 cm) thin
- Choice of Intel Pentium® III 750, 700, 650, or 500 MHz processors
- 64MB Standard SDRAM (100MHz), Upgradeable to 576 MB
- Up to 12GB SMART hard drives
- AGP 2X Graphics
 - 8MB Video SDRAM
 - 66MHz graphics BUS
 - Duo-view display support
 - NTSC/PAL TV output
- Choice of Windows 2000/Windows NT 4.0 Dual Install (available in Q3, 2000) or Windows 98/95 Dual Install
- Integrated Mini PCI modem/NIC combo available
- Full-size keyboard
- User removable hard drive
- Dual battery support
- Magnesium LCD cover
- Enterprise docking solutions
- Industry leading PC lifecycle solutions
- Protected by a three-year, Worldwide Limited Warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.



- | | |
|---|------------------------------------|
| 1. 14.1 in Color TFT Display | 11. Primary Battery |
| 2. Microphone | 12. Primary Hard Drive |
| 3. Power Switch | 13. Left/Right/Third Mouse Buttons |
| 4. RJ-11/RJ-45 Jacks | 14. 3D Pointing Device |
| 5. MultiBay (holds 12.7mm diskette drive, 24X MAX CD-ROM, 4X or 8X DVD-ROM, SuperDisk 2X LS-120, second battery, second hard drive) | 15. Stereo Speakers |
| 6. PC Card Slots (2) | 16. Cable Lock Connector |
| 7. Battery Charging Light | 17. NTSC/PAL Video Connector |
| 8. System-On Light | 18. Lid Switch |
| 9. Microphone Jack | 19. Suspend Button |
| 10. Stereo Speaker/Headphone Jack | 20. Easy Access Internet Buttons |
| | 21. System Status LEDs |
| | 22. Display Latch |

QUICKSPECS

Compaq Armada M700

MODELS

Armada M700

Available in multiple configurations

Standard Features

Processor – One of the following:

Intel Pentium III processor 750 MHz with SpeedStep™ technology
Intel Pentium III processor 700 MHz with SpeedStep™ technology
Intel Pentium III processor 650 MHz with SpeedStep™ technology
Intel Pentium III processor 500 MHz

Cache Memory

256K Integrated

Memory – One of the following:

Standard 128 MB (64MB down on board, 64MB slot one, one slot open)
Maximum 576 MB

Note: 128MB memory is standard only on the 750MHz Windows 2000/NT 4.0 dual install SKUs.

Standard 64 MB (down on board, two slots open)
Maximum 576 MB

Note: Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.

Communications

Mini-PCI v.90 modem / NIC Combo

Note: Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.

Keyboard

102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, QuickLock/QuickBlank, toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast

Pointing Device

EasyPoint IV™ 3D Pointing Stick

PC Card Slots

Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus (Full support in Windows 9.x) and 16-bit PC Cards; zoomed video support in both slots

Storage

Diskette Drives 1.44 MB
Optical Drives One of the following:
4X or 8X DVD-ROM
24X Max CD-ROM Drive IDE
Hard Drives One of the following:
12-GB SMART
6-GB SMART

Multimedia

Compaq Premier•Sound™ for enhanced stereo audio
Integrated 16-bit Sound Blaster Pro-compatible stereo audio
Integrated stereo speakers and microphone
Software volume control
Headphone out jack
Microphone in jack
Software MPEG1 support
DVD movie playback software – not applicable to Windows NT 4.0 systems
Internal DVD-ROM drive or 24X Max CD-ROM Drive
RCA TV-out port
2X AGP graphics
8-MB SDRAM

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Standard Features

Interfaces

PC Card	Two Type II/One Type III
Enhanced Parallel	1 (can be used to connect external diskette drive)
Serial	1
TV out connector	1
External Monitor	1
External Keyboard/ Pointing Device	1
Expansion Base	1
Headphone/Line-out	1
Microphone in	1
AC Power	1
RJ-11/RJ-45	1 (Model dependent)
Infrared	1 (4 Mb/s support) (IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
USB	1

Graphics

64-bit video graphics with 8-MB SDRAM for increased color depth and graphics performance

Display – One of the following:

14.1-inch color TFT with 1024 x 768 (XGA) resolution (up to 16M colors internal)

Operating System – One of the following:

Dual-Install Windows 2000/Windows NT 4.0

(End user must make a one-time selection between Windows 2000 and Windows NT 4.0. If end user desires rejected product(s) after selection is made, end user must acquire and pay for rejected product(s) separately.)

Dual-Install Windows 98/Windows 95

(End user must make a one-time selection between Windows 98 and Windows 95. If end user desires rejected product(s) after selection is made, end user must acquire and pay for rejected product(s) separately.)

Software

Insight Management Agents
Intelligent Manageability
Security 32
Diagnostics for Windows 2000, NT, or 9x
Compaq Power Management
Online Safety and Comfort Guide
Reference Guide

Intelligent Manageability

Lowers total cost of ownership by providing enhanced security, asset management, fault prediction with SMART drives

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Set-up Password
Power-On Password
DriveLock
QuickLock
QuickBlank

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Standard Features

Easy Access Internet Buttons

The Armada M700 now comes with four easy access Internet Buttons to quickly get you accessing your most popular Internet sites. The four buttons come preset to access special Armada content on the Armada Information page (www.compaq.com/armada), MyArmada, Search (Armada branded version of www.atlavista.com) or Email.

Power Supply

External AC adapter, 6-foot power cord included

Battery (SpeedStep™ Benchmarks are Pending)

The Armada M700 offers an 8-cell standard Li-Ion battery, supplying battery life over 3.5 hours, depending on the exact configuration used. An optional 6-cell MultiBay battery is available, providing an additional 2.3 hours of battery life, using the configurations indicated below.

Note: Actual results may vary with individual usage. When tested in standard configuration, using the Ziff-Davis BatteryMark Test v3.0, the battery life of the Armada M700 PIII, 650MHz, Win98 model using the 8-cell battery will range over 3.5 hours. Standard configuration at time of announcement (03/06/00) is considered to be one battery, a 1024 x 768 (64K colors) 14.1-in panel set at 50% brightness, 64-MB RAM and no drives other than the hard drive active.

Power Conservation

Intel SpeedStep™ Technology (allows a Battery Optimized Mode where CPU draws 50% of normal power yet affords 70 to 80 % of maximum PIII processing speed)

Hibernation

Instant-on via Standby

Pop-ups with three presets

One custom level of power conservation

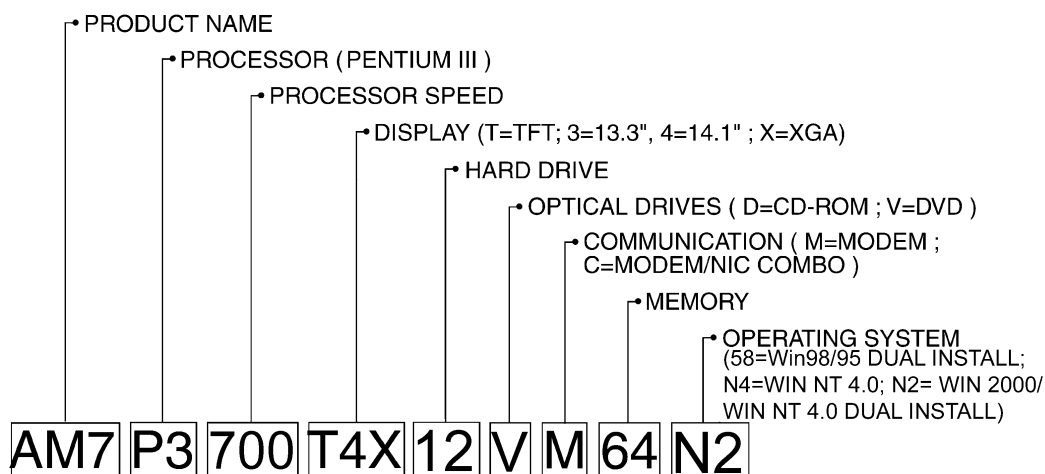
Service and Support

Compaq Services includes a three-year, Worldwide Limited Warranty, pick-up or carry-in, upgrade to on-site warranty or additional two-year warranty available, and toll-free 7 x 24 hardware technical phone support.

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

Model Naming Convention

Etymology of a Model Name:



QUICKSPECS

Compaq *Armada* M700

Standard Features

AM7 P3750T4X12VC6458N

206646-xx3

NEW!

Models

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 750-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3750T4X12VC6458N

206647-xx2

NEW!

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 750-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3750T4X12VC12N2N

206646-xx9

NEW!

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 750-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	128 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

AM7 P3750T4X12VC12N2

206647-xx8

NEW!

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 750-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	128 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

AM7 P3700T4X12V6458

205860-xx2

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

QUICKSPECS

Compaq Armada M700

Standard Features

AM7 P3700T4X12VM6458
205861-xx2

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3700T4X12VM6458N
205861-xx3

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3700T4X12VC6458
205862-xx2

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3700T4X12VC6458N
205862-xx3

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3700T4X12V64N4
205860-xx6

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

QUICKSPECS

Compaq *Armada* M700

Standard Features

AM7 P3700T4X12VM64N4
205861-xx6

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3700T4X12VM64N4N
205861-xx7

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3700T4X12VC64N4
205862-xx6

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3700T4X12V64N2
205860-xx8

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

AM7 P3700T4X12VM64N2
205861-xx8

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

QUICKSPECS

Compaq *Armada* M700

Standard Features

AM7 P3700T4X12VM64N2N
205861-xx9

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

AM7 P3700T4X12VC64N2
205862-xx8

Display	14.1-inch color TFT XGA	Optical Drive	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 2000/NT 4.0 Dual Install

AM7 P3650T4X12D6458
205857-xx2

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3650T4X12DM6458
205858-xx2

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3650T4X12DM6458N
205858-xx3

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

QUICKSPECS

Compaq *Armada* M700

Standard Features

AM7 P3650T4X12DC6458
205859-xx2

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3650T4X12D64N4
205857-xx6

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3650T4X12DM64N4
205858-xx6

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3650T4X12DM64N4
205858-xx7

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3650T4X12DC64N4
205859-xx6

Display	14.1-inch color TFT XGA	Optical Drive	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

QUICKSPECS

Compaq Armada M700

Standard Features

AM7 P3500T4X12V64N4
139114-xx6

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	648 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3500T4X12VM64N4
139116-xx6

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3500T4X12VC64N4
140141-xx6

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows NT 4.0

AM7 P3500T4X12VC6458
140141-xx2

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3500T4X12VM6458
139116-xx2

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 (Dual Install)

QUICKSPECS

Compaq *Armada* M700

Standard Features

AM7 P3500T4X12V6458
139114-xx2

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	None
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 (Dual Install)

AM7 P3500T4X12VC6458N
140141-xx3

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

AM7 P3500T4X12VM6458N
139116-xx3

Display	14.1-inch color TFT XGA	Optical Drive	4X DVD-ROM Drive
Processor	Intel Pentium III 500-MHz	Hard Drive	12-GB SMART
Cache Memory	256-KB integrated	Modem	Mini-PCI v.90 modem
Memory		Graphics	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	Audio	Compaq <i>Premier•Sound™</i>
Maximum	576 MB	Software	Windows 98/95 Dual Install

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Compaq Armada M700

Options

Memory

256-MB 100MHz Memory Upgrade	161554-B21
128-MB 100MHz Memory Upgrade	400313-B21
64-MB 100MHz Memory Upgrade	400312-B21
32-MB 100MHz Memory Upgrade	400311-B21

Monitors

TFT8000 Flat Panel	307906-001
TFT5000 Flat Panel	325700-001
P1100 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	325606-001
P900 Color	386326-001
P700 Color	380207-001
V1100 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	386472-001
V75 Color (carbon)	307710-002
V500 Color	325900-001
S900 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	360562-001
S710 Color	152991-001

Hard Drives

MultiBay 18-GB SMART Hard Drive	164514-B25
MultiBay 12-GB SMART Hard Drive	163531-B25
Upgrade 12-GB SMART Hard Drive	206637-B25
MultiBay 6-GB SMART Hard Drive	173395-B25

MultiMedia Devices

MultiBay SuperDisk 2X LS-120	197895-B25
MultiBay 24X Max CD-ROM (Data transfer rates will vary from 150 KB/s to 3,600 KB/s.)	298452-B25
MultiBay 8X DVD Drive	138320-B25

PC Cards/Communications

Compaq Microcom 420 56K Global Modem (Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.)	317900-001
10/100 TX PC Card UTP Controller	335506-B21
100BaseTX Ethernet Upgrade	225435-001
1394 PC Card	177593-B25
Smart Card PC Card Reader	135646-B25

For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq website at:
<http://www.compaq.com/support/techpubs/pcmcia/pccardlist.html>.

Options

Expansion Bases

ArmadaStation EM	383500-xx1
ArmadaStation EM With Intel NIC	120266-xx1
ArmadaStation EM With 3Com NIC	120264-xx1
ArmadaStation Tower Stand	123129-B25
Convenience Base EM	382500-xx1
Convenience Base EM With Intel NIC	120971-xx1
Convenience Base EM With 3Com NIC	120970-xx1
Convenience Base Monitor Cover	122931-xx1
Port Replicator EM	382300-xx1
PCI IBM Token Ring Card	133749-B21
PCI Cardbus Reader	127397-B25
For ArmadaStation EM and Convenience Base EM	

Power

Primary Battery (8-cells)	134111-B21
Primary Battery (6-cells)	134110-B21
MultiBay Battery (6-cells)	387937-B25
External Battery Charger	135555-xxx
AC Adapter 50W	120765-xxx
Auto Adapter/Charger	401043-B25
Air Adapter	386504-B21
AC Line Cord (10-ft)	217932-xx2

Input Devices

External Enhanced III Keyboard (Carbon)	118003-xx8
Compaq 2 Button Mouse (Carbon)	103180-B21
External 10-Key Numeric Keypad	294317-B21

Useful Accessories

Security Lock	294316-B21
Armada Headset with microphone	220460-001
MP1800 Microportable Projector	180226-xx1
MP1600 Microportable Projector	386202-xx1
MP1400 Microportable Projector	174626-xx1

Carrying Cases

Compaq M Series Portfolio Case	167337-B21
Compaq Ultralight Case	167336-B21
Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Executive Case	294269-B21
Compaq Professional N Case	401366-B21
Compaq Professional L Case	401367-B21

Memory

Compaq Armada M700

STANDARD MEMORY

64-MB SDRAM installed on the System Board

Standard	Slot	
	1	2
64 MB	Empty	Empty
128 MB	64 MB	Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 576 MB of SDRAM memory is available with the installation of optional SDRAM Memory Kits in addition to the 64-MB SDRAM on the System Board.

Up To	Slot	
	1	2
192 MB	64 MB	64 MB
256 MB	64 MB	128 MB
384 MB	64 MB	256 MB
448 MB	128 MB	256 MB
320 MB	128 MB	128 MB
384 MB	256 MB	64 MB
576 MB	256 MB	256 MB

Note: This chart does not represent all possible memory configurations. Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.

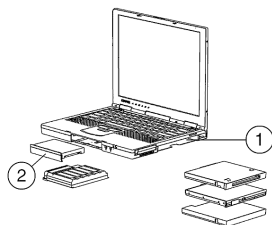
Following are memory options available from Compaq:

- 256-MB Memory Upgrade 161554-B21
- 128-MB Memory Upgrade 400313-B21
- 64-MB Memory Upgrade 400312-B21
- 32-MB Memory Upgrade 400311-B21

QUICKSPECS

Compaq *Armada* M700

Storage



- 1 MultiBay
- 2 Dedicated hard drive bay

DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	MultiBay
24X Max CD-ROM Drive	1	MultiBay
4X or 8X DVD-ROM	1	MultiBay
MultiBay Diskette Drive	1	External (through parallel port)
2X SuperDisk LS-120	1	MultiBay
Hard Drives		
12-GB SMART Hard Drive	2	Dedicated hard drive bay
6-GB SMART Hard Drive	1	Dedicated hard drive bay

QUICKSPECS

Compaq Armada M700

Technical Specification

System Unit

Dimensions (HxWxD)	12.4 x 9.8 x 1.1 in/31.4 x 24.9 x 2.8 cm
Weight	
750 MHz/14-in display/weight saver	5.1 lbs/2.3 kg
700 MHz/14-in display/weight saver	5.1 lbs/2.3 kg
650 MHz/14-in display/weight saver	5.1 lbs/2.3 kg
500 MHz/14-in display/weight saver	5.1 lbs/2.3 kg
Stand-Alone Power Requirements	
Nominal Operating Voltage (Li-Ion)	14.4V (8-cell), 10.8V (6-cell)
Average Operating Power	15W
Peak Operating Power	30W
Power Supply	
Rated Input Voltage	90 to 264 VAC (auto-switching)
Rated Input Current	< 60W
Rated Frequency	47 to 63 Hz
Temperature	
Operating	50° to 95°F/10° to 35°C
Non-operating	-4° to 140°F /-20° to 60°C
Relative Humidity (non-condensing)	
Operating	10% to 90% relative humidity, non-condensing
Non-operating	5% to 95% relative humidity, 101.6°F/38.7°C Maximum wetbulb temperature
Shock	
Operating	10 G, 11 ms, half-sine
Non-operating	60 G, 11 ms, half-sine
Vibration	
Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min sweep rate
Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min sweep rate
Maximum Altitude (unpressurized)	
Operating	0-10,000 ft/(0 to 3,048 m)
Non-operating	0-30,000 ft/(0 to 9,144 m)

14.1-Inch Color TFT XGA Display

Dimensions (HxW)	11.22 x 8.46 in/28.5 x 21.5 cm
Diagonal Size	14.1 in/35.81 cm
Mounting	Internal Panel Supports, Side Mounted
Number of Colors	Up to 16.8M
Contrast Ratio	150:1
Brightness	120nt typ
Pixel Resolution	
Pitch	0.264 x 0.264 mm
Format	1024 x 768
Configuration	RGB stripe
Backlight	Edge Lit
Character Display	80 x 25
Total Power Consumption	4.2W

QUICKSPECS

Compaq Armada M700

Technical Specifications

Hard Drives

12 GB	Capacity	12 GB	Seek Time (typical reads, including settling)	
	Height	0.5 in/12.5 mm	Single Track	2.5 ms
	Width	2.75 in/70 mm	Average	12 ms
	Interface	ATA	Full-Stroke	23 ms
	Transfer Rate	33.3 MB/s	Rotational Speed	4200 rpm
			Physical Configuration	
	Synchronous (Maximum)		Bytes/sector	512
			Operating Temperature	41° to 131°/5° to 55°C
6 GB	Capacity	6 GB	Seek Time (typical reads, including settling)	
	Height	0.4 in/9.5 mm	Single Track	4 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Full-Stroke	23 ms
	Transfer Rate	33.3 MB/s	Rotational Speed	4200 rpm
			Physical Configuration	
	Synchronous (Maximum)		Bytes/sector	512
			Operating Temperature	41° to 131°F/5° to 55°C

Diskette Drive

Diskette Size	3.5 in
Light	On system
Height	0.5 in/12.7 mm
Bytes per Sector	512
Sectors per track	
High density	18 (1.44 MB)/15 (1.2 MB)
Low density	9
Tracks per side	
High density	80 (1.44 MB)/80 (1.2 MB)
Low density	80
Read/Write heads	2
Access Times	
Track-to track (high/low)	3 ms/6 ms
Average (high/low)	94 ms/174 ms
Settling time	15 ms
Latency average	100 ms

External AC Adapter

Dimensions (HxWxL)	1.15 x 2.375 x 1.4 in/2.92 x 6.03 x 3.6 cm
Weight	0.66 lb/0.3 kg
Power Supply (Input)	
Operating Voltage	90 to 260 VAC RMS
Operating Current	1.1 A RMS
Operating Frequency Range	47 to 63 Hz AC
Maximum Transient	4/50 kV

QUICKSPECS

Compaq Armada M700

Technical Specification

Li-Ion Battery Pack (8-cell)

Dimensions (HxWxL)	0.57 x 3.93 x 4.55 in/1.44 x 9.9 x 11.5 cm
Weight	0.85 lb/0.39 kg
Energy	
Voltage	14.4 V
Amp-hour capacity	2.8 Ah
Watt-hour capacity	40Wh
Temperature	
Operating	50° to 104°F/10° to 40°C
Non-operating	-12° to 140°F/-25° to 60°C

24X Max CD-ROM Drive

Applicable Disk	CD-ROM (Mode 1, 2 and 3), CD-XA ready (Mode 2, Form 1 and 2), CD-I ready (Mode 2, Form 1 and 2), CD-R (read only), CD Plus, Photo CD (Single and Multi-session), CD-Extra, Video CD, CD-WO (fixed packets only), CD-Bridge
Center Hole Diameter	0.59 in/15 mm
Disk Diameter	12 cm, 8 cm
Disk Thickness	1.2 mm
Track Pitch	1.6 µm
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 300 ms
Audio Output Level	
Line-out	0.7 Vrms
Cache Buffer	128 KB
Data Transfer Rate (typical, including settling)	
Sustained (16X)	150 KB/s (sustained 1X)
Variable	1500 to 3600 KB/s (10X to 24X)
Normal PIO Mode 4 (single burst)	16.66 MB/s
Start-up Time	< 8 sec
Stop Time	< 4 sec

QUICKSPECS

Compaq *Armada* M700

Technical Specifications

8X DVD-ROM Drive

Center Hole Diameter	0.59 in/0.39 cm
Disk Diameter	12 cm/8 cm
Disk Thickness	1.2 mm
Track Pitch	0.74 μ m
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 225 ms
Audio Output Level	
Line out	0.7 Vrms
Cache Buffer	128 KB/s (minimum)
Data Transfer Rate (typical, including settling)	
Sustained (16X)	150 KB/s
Sustained 4X DVD	5,520 KB/s
Normal PIO Mode 4 (single burst)	16.6 MB/s
Start-up Time	< 15 sec
Stop Time	< 6 sec

QUICKSPECS

Compaq Armada M700

Technical Specification

Compaq 56K(V.90) plus
Intel PRO/100+ Mini PCI

Form Factor	Mini-PCI Type 1B per Specification
OS Support (with all released Service Packs)	Windows 95 (OSR2.x), Windows 98 (Gold, SE) Windows NT4.0, Windows 2000, DOS Application Support under Windows
Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Windows NT
Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
Modem Device Driver Name	Compaq 56K (V.90) Mini PCI
Data Mode Capabilities	V.90 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) Optional symbol rates: 2800, 3429 Asymmetric Symbol rates Synchronous primary channel data signaling rates: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control :+IPR, +ICF, +IFC, + lirr Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Technical Specifications

Intel PRO/100+ Mini PCI

Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10Base T 100 Mbps Ethernet: IEEE 802.3u standard 100Base TX Full Duplex at 10 and 100Mbps Auto-Negotiation Wake on LAN from all power managed states, including soft off (S5) Boot on LAN from OFF Lower Power State on Link Loss
Data Link Layers	IEEE 802.2 LLC SNAP
Software support	Artisoft Lantastic 7.0, 8.0, Dedicated Server 1.1 Banyan 7.x, 8.5x IBM LAN Server Version 1.2, 1.3, 2.0, 4.0 Microsoft NT 3.51, NT 4.0. Windows 2000 Novell Netware 3.1x, 4.x, 5.x
Protocol support	TCP/IP Novell IPX/SPX and Microsoft compatible Novel IPX ODI Microsoft NetBEUI Sun Microsystems PC-NFS Banyan Vines Ethernet IBM DLC